

10/539285

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## PCT REQUEST

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020617 PV

0	For receiving Office use only	
0-1	International Application No.	PCT/EP 0 3 / 1 4 0 2 7
0-2	International Filing Date	1 1 DEC 2003 ( 1 1 12. 2003 )
0-3	Name of receiving Office and "PCT International Application"	OFFICE EUROPEEN DES BREVETS DEMANDE INTERNATIONALE PCT
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	020617 PV
I	Title of invention	LIQUID DETERGENT AND CLEANING AGENT COMPOSITION
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	DEGUSSA AG
II-5	Address:	Bennigsenplatz 1 D-40474 Düsseldorf Germany
II-6	State of nationality	DE
II-7	State of residence	DE
II-8	Telephone No.	0 61 81 / 59-37 82
II-9	Facsimile No.	0 61 81 / 59-43 04
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KUNZ, Ulrike
III-1-5	Address:	Kapellenweg 61 D-63571 Gelnhausen Germany
III-1-6	State of nationality	DE
III-1-7	State of residence	DE

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	STOSCHEK, Silke
III-2-5	Address:	Waldstrasse 14 D-63639 Flörsbachtal Germany
III-2-6	State of nationality	DE
III-2-7	State of residence	DE
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	ZIMMERMANN, Klaus
III-3-5	Address:	Schulweg 4 D-63517 Rodenbach Germany
III-3-6	State of nationality	DE
III-3-7	State of residence	DE
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	OVERDICK, Ralph
III-4-5	Address:	Brückenstrasse 3 D-65719 Hofheim Germany
III-4-6	State of nationality	DE
III-4-7	State of residence	DE
III-5	Applicant and/or inventor	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	FENDER, Michael
III-5-5	Address:	Untergasse 18 D-36103 Fliesen Germany
III-5-6	State of nationality	DE
III-5-7	State of residence	DE
III-6	Applicant and/or inventor	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	JAKOB, Harald
III-6-5	Address:	Meerholzer Strasse 1 D-63594 Hasselroth Germany
III-6-6	State of nationality	DE
III-6-7	State of residence	DE

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	common representative
IV-1-1	Name	DEGUSSA AG
IV-1-2	Address:	Intellectual Property Management PATENTE und MARKEN Standort Hanau Postfach 13 45 D-63403 Hanau Germany
IV-1-3	Telephone No.	0 61 81 / 59-37 82
IV-1-4	Facsimile No.	0 61 81 / 59-43 04
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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V-5	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	<b>Exclusion(s) from precautionary designations</b>	NONE
VI-1	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	20 December 2002 (20.12.2002)
VI-1-2	Number	102 61 161.0
VI-1-3	Country	DE
VI-2	<b>Priority claim of earlier national application</b>	
VI-2-1	Filing date	30 January 2003 (30.01.2003)
VI-2-2	Number	103 03 572.9
VI-2-3	Country	DE
VII-1	<b>International Searching Authority Chosen</b>	European Patent Office (EPO) (ISA/EP)
VIII	<b>Declarations</b>	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-2-1	<b>Declaration: Entitlement to apply for and be granted a patent</b> Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name:	in relation to this international application  DEGUSSA AG is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, KUNZ, Ulrike
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, STOSCHEK, Silke
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, ZIMMERMANN, Klaus
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, OVERDICK, Ralph
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, FENDER, Michael
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, JAKOB, Harald
VIII-2-1 (ix)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	-
IX-2	Description	28	-
IX-3	Claims	3	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	0	-
IX-7	TOTAL	38	
IX-8	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-11	Copy of general power of attorney	reference no. AV 47238	-
IX-13	Priority document(s)	Item(s) VI-1, VI-2	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name	DEGUSSA AG	
X-1-2	Name of signatory	i. V. Dr. Georg Thiele	
X-1-3	Capacity	AV 47238	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	11 DEC 2003	(11.12.03)
10-2	Drawings:		
10-2-1	Received		
10-2-2	Not received		
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application		
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/EP	
10-6	Transmittal of search copy delayed until search fee is paid		

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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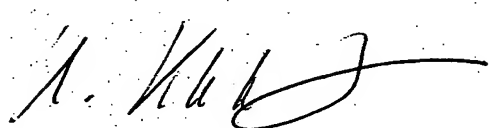
VIII-2-1	<b>Declaration: Entitlement to apply for and be granted a patent</b> Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name:	<b>in relation to the international application No. PCT/EP03/14027</b>  <b>DEGUSSA AG</b> <b>is entitled to apply for and be granted a patent by virtue of the following:</b>
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, KUNZ, Ulrike
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, STOSCHEK, Silke
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, ZIMMERMANN, Klaus
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, OVERDICK, Ralph
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, FENDER, Michael
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, JAKOB, Harald
VIII-2-1 (ix)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

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VIII-4-1	<p><b>Declaration: Inventorship (only for the purposes of the designation of the United States of America)</b>  Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to international application No. PCT/EP03/14027 (if furnishing declaration pursuant to Rule 26ter)</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1 -1	Prior applications:	



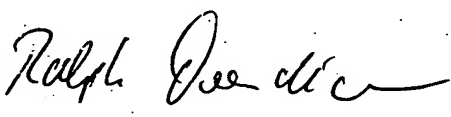

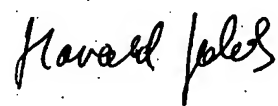
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		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1 -1-1	Name:	KUNZ, Ulrike
VIII-4-1 -1-2	Residence: (city and either US State, if applicable, or country)	Gelnhausen, Germany
VIII-4-1 -1-3	Mailing address:	Kapellenweg 61
VIII-4-1 -1-4	Citizenship:	DE
VIII-4-1 -1-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	17. December 2003

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VIII-4-1 -2-1	Name:	STOSCHEK, Silke
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	Flörsbachtal, Germany
VIII-4-1 -2-3	Mailing address:	Waldstrasse 14
VIII-4-1 -2-4	Citizenship:	DE
VIII-4-1 -2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	<i>Silke Stoschek</i>
VIII-4-1 -2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	14.01.2004
VIII-4-1 -3-1	Name:	ZIMMERMANN, Klaus
VIII-4-1 -3-2	Residence: (city and either US State, if applicable, or country)	Rodenbach, Germany
VIII-4-1 -3-3	Mailing address:	Schulweg 4
VIII-4-1 -3-4	Citizenship:	DE
VIII-4-1 -3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	<i>Klaus Zimmermann</i>
VIII-4-1 -3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	December 17 <sup>th</sup> , 2003

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VIII-4-1 -4-1	Name:	OVERDICK, Ralph
VIII-4-1 -4-2	Residence: (city and either US State, if applicable, or country)	Hofheim, Germany
VIII-4-1 -4-3	Mailing address:	Brückenstrasse 3
VIII-4-1 -4-4	Citizenship:	DE
VIII-4-1 -4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	18.12.03
VIII-4-1 -5-1	Name:	FENDER, Michael
VIII-4-1 -5-2	Residence: (city and either US State, if applicable, or country)	Fliesen, Germany
VIII-4-1 -5-3	Mailing address:	Untergasse 18
VIII-4-1 -5-4	Citizenship:	DE
VIII-4-1 -5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -5-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	18.12.03
VIII-4-1 -6-1	Name:	JAKOB, Harald
VIII-4-1 -6-2	Residence: (city and either US State, if applicable, or country)	Hasselroth, Germany
VIII-4-1 -6-3	Mailing address:	Meerholzer Strasse 1
VIII-4-1 -6-4	Citizenship:	DE
VIII-4-1 -6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	December 19th, 2003